

## Sharp QT-CD290

# Sharp QT-CD290 Portable CD MP3 Cassette Boombox Instruction Manual

Model: QT-CD290

## 1. INTRODUCTION

Thank you for purchasing the Sharp QT-CD290 Portable CD MP3 Cassette Boombox. This device offers versatile audio playback options including CD, MP3 CD, cassette tapes, AM/FM radio, and an auxiliary input for external devices. This manual provides essential information for the safe and efficient operation of your new boombox. Please read these instructions thoroughly before use and retain them for future reference.

## 2. SAFETY INFORMATION

To ensure safe operation and prevent damage, please observe the following precautions:

- Do not expose the unit to rain, moisture, or extreme temperatures.
- Avoid placing the unit near heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not block any ventilation openings. Ensure adequate space around the unit for proper airflow.
- Use only the specified batteries (6 x UM-2/C size). Ensure correct polarity when inserting batteries.
- Do not mix old and new batteries, or different types of batteries.
- Remove batteries if the unit will not be used for a long period.
- Clean the unit only with a dry cloth. Do not use liquid cleaners or aerosol cleaners.
- Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- Keep the unit away from strong magnetic fields.

## 3. PRODUCT OVERVIEW

Familiarize yourself with the components of your Sharp QT-CD290 boombox.



Figure 1: Front view of the Sharp QT-CD290 Portable CD MP3 Cassette Boombox with the telescopic antenna extended. This image shows the main control panel, CD compartment, cassette deck, and stereo speakers.



Figure 2: Front view of the Sharp QT-CD290 Portable CD MP3 Cassette Boombox with the telescopic antenna retracted. This view highlights the compact design when not using the radio function.

## Key Components:

- **Top-Loading CD Compartment:** For playing audio CDs and MP3 CDs.
- **Cassette Deck:** For playing and recording cassette tapes.
- **AM/FM Tuner:** Built-in radio for receiving AM and FM broadcasts.
- **Telescopic FM Antenna:** Extendable antenna for improved FM reception.
- **Auxiliary Input (AUX IN):** 3.5mm jack for connecting external audio devices.
- **LCD Display:** Shows current function, track number, radio frequency, etc.
- **Control Buttons:** Power, Function, Volume, Play/Pause, Stop, Skip/Search, Record, etc.
- **Stereo Speakers:** Integrated speakers for audio output.

## 4. SETUP

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### 4.1 Powering the Unit

The Sharp QT-CD290 boombox is designed for portable use and operates solely on batteries. **It does not include an AC power adapter and cannot be powered directly from a wall outlet.**

1. Locate the battery compartment on the underside or rear of the unit.
2. Open the battery compartment cover.
3. Insert six (6) UM-2/C size batteries, ensuring the correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment cover securely.

*Note: For optimal performance and to prevent battery leakage, use high-quality alkaline batteries and replace all batteries at the same time.*

## 5. OPERATING INSTRUCTIONS

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### 5.1 General Controls

Familiarize yourself with the main control buttons:

- **POWER/FUNC:** Press to turn the unit ON/OFF. Press repeatedly to cycle through functions (CD/MP3, TAPE, AM, FM, AUX).
- **VOL+ / VOL-:** Adjusts the volume level.
- **STOP:** Stops playback for CD/MP3 or Cassette.
- **PLAY/PAUSE:** Starts or pauses CD/MP3 playback.
- **SKIP/SEARCH (◀◀ / ▶▶):** Skips tracks on CD/MP3. Fast forwards/rewinds on cassette.
- **TUNE ▲ / ▼:** Tunes radio frequency up or down.
- **SCAN:** Automatically scans for radio stations.
- **MEM:** Stores or recalls radio presets.
- **P-MODE:** Programs CD/MP3 playback order.
- **RECORD:** Initiates cassette recording (from CD, Radio, or AUX).

## 5.2 CD/MP3 Playback

1. Press the **POWER/FUNC** button repeatedly until 'CD' or 'MP3' appears on the display.
2. Open the top-loading CD compartment cover.
3. Place a CD or MP3 CD onto the spindle with the label side facing up.
4. Close the CD compartment cover securely.
5. Press the **PLAY/PAUSE** button to start playback.
6. Use **SKIP/SEARCH** (◀◀ / ▶▶) to navigate between tracks. Hold to fast forward or rewind within a track.
7. Press **STOP** to end playback.

## 5.3 Cassette Playback and Recording

### Playback:

1. Press the **POWER/FUNC** button repeatedly until 'TAPE' appears on the display.
2. Open the cassette deck door.
3. Insert a cassette tape with the open edge facing upwards.
4. Close the cassette deck door.
5. Press the **PLAY** button on the cassette controls to start playback.
6. Use **SKIP/SEARCH** (◀◀ / ▶▶) for fast forward or rewind.
7. Press **STOP** to end playback.

### Recording:

1. Insert a blank or recordable cassette tape into the cassette deck.
2. Select the desired source (CD, AM/FM Radio, or AUX) using the **POWER/FUNC** button.
3. Start playback on the source (e.g., play a CD, tune to a radio station).
4. Press the **RECORD** button on the cassette controls. The **PLAY** button will also engage.
5. To stop recording, press the **STOP** button on the cassette controls.

## 5.4 AM/FM Radio Operation

1. Press the **POWER/FUNC** button repeatedly until 'AM' or 'FM' appears on the display.
2. For FM reception, extend the telescopic antenna fully and adjust its position for best reception. For AM reception, rotate the entire unit for best signal.
3. Use the **TUNE** ▲ / ▼ buttons to manually tune to a desired station.
4. Alternatively, press the **SCAN** button to automatically search for and stop at the next available station.
5. To save a station as a preset, tune to the station, then press the **MEM** button. Use **TUNE** ▲ / ▼ to select a preset number, then press **MEM** again to confirm.
6. To recall a preset, press **MEM** and then use **TUNE** ▲ / ▼ to select the desired preset number.

## 5.5 Using the Aux Input

1. Press the **POWER/FUNC** button repeatedly until 'AUX' appears on the display.
2. Connect one end of a 3.5mm audio cable (not included) to the AUX IN jack on the boombox.

3. Connect the other end of the audio cable to the headphone jack or audio output of your external device (e.g., smartphone, MP3 player).
4. Start playback on your external device. The audio will be routed through the boombox speakers.
5. Adjust the volume using the **VOL+** / **VOL-** buttons on the boombox and/or the volume control on your external device.

## 6. MAINTENANCE

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Proper care and maintenance will ensure the longevity of your boombox.

- **Cleaning the Unit:** Wipe the exterior with a soft, dry cloth. Do not use abrasive cleaners, waxes, or solvents.
- **Cleaning the CD Lens:** If CD playback issues occur, use a commercially available CD lens cleaner disc.
- **Cleaning the Cassette Head:** Periodically clean the cassette head, pinch roller, and capstan with a cotton swab lightly dampened with isopropyl alcohol.
- **Battery Care:** Remove batteries if the unit is not used for extended periods to prevent leakage.
- **Storage:** Store the unit in a cool, dry place away from direct sunlight and dust.

## 7. TROUBLESHOOTING

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If you experience problems with your boombox, refer to the following table for possible solutions.

Problem	Possible Cause	Solution
No power	Batteries are depleted or incorrectly inserted.	Replace with new UM-2/C size batteries, ensuring correct polarity.
CD/MP3 skips or does not play	CD is dirty, scratched, or inserted incorrectly. CD lens is dirty.	Clean the CD with a soft cloth. Try another CD. Clean the CD lens with a cleaner disc. Ensure CD is inserted label-side up.
Poor radio reception	Antenna not extended/adjusted. Weak signal. Interference.	For FM, fully extend and adjust the telescopic antenna. For AM, rotate the unit. Move the unit away from other electronic devices.
Cassette playback distorted or muffled	Cassette head is dirty or demagnetized. Tape is old or damaged.	Clean the cassette head, pinch roller, and capstan. Try a different tape.
No sound from Aux Input	Incorrect function selected. Cable not connected properly. External device volume too low.	Ensure 'AUX' function is selected. Check cable connections. Increase volume on both the boombox and the external device.

## 8. SPECIFICATIONS

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Technical specifications for the Sharp QT-CD290 Portable CD MP3 Cassette Boombox:

Feature	Detail
Brand	Sharp
Model	QT-CD290
Compatible Media Types	CD, MP3 CD, Cassette
Tuner Technology	AM/FM Stereo
Audio Output Mode	Stereo
Output Power	2.4 watts (1.2 W x 2 RMS)
Power Source	Battery Powered (6 x UM-2/C size batteries, not included)
Connector Type	Auxiliary (3.5mm input)
Compatible Devices (Aux)	Speaker, Headphone, Smartphone, Laptop, Tablet, MP3 Players, TV
Product Dimensions (L x W x H)	23.88 x 12.45 x 22.35 cm (9.4 x 4.9 x 8.8 inches)
Item Weight	1.36 kg (3 lbs)
Bluetooth Support	No





## 9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your Sharp QT-CD290 boombox, please refer to the warranty card included with your purchase or visit the official Sharp Electronics website for your region. You may also contact Sharp customer service directly for assistance.

[Visit Sharp Canada Website](#)

### Related Documents - QT-CD290

	<p><a href="#">Sharp CD-BHS1050 Mini Component System Operation Manual</a></p> <p>Operation manual for the Sharp CD-BHS1050 Mini Component System, detailing setup, features, and troubleshooting.</p>
	<p><a href="#">SHARP XL-UH242 Micro Component System Operation Manual</a></p> <p>Official operation manual for the SHARP XL-UH242 Micro Component System, providing detailed instructions on setup, operation, features, safety, troubleshooting, and specifications.</p>

	<p><a href="#">SHARP GX-BT9 Portable Bluetooth Boombox Operation Manual</a></p> <p>This document provides comprehensive operating instructions for the SHARP GX-BT9 Portable Bluetooth Boombox, covering setup, features, controls, safety precautions, connectivity options, troubleshooting, and specifications.</p>
	<p><a href="#">SHARP CD-BH350 Compact Disc Stereo System Operation Manual</a></p> <p>User guide for the SHARP CD-BH350 Compact Disc Stereo System, covering setup, operation, features like Bluetooth and CD playback, troubleshooting, and specifications.</p>
	<p><a href="#">SHARP XL-HF203B Hi Fi Component System Operation Manual</a></p> <p>Operation manual for the SHARP XL-HF203B Hi Fi Component System, covering setup, features, controls, safety instructions, troubleshooting, and specifications.</p>
	<p><a href="#">SHARP HT-SBW202 User Manual: Setup, Operation, and Troubleshooting</a></p> <p>Comprehensive user manual for the SHARP HT-SBW202 2.1 Soundbar with wireless subwoofer. Learn about setup, basic operation, connections (HDMI ARC/CEC, Bluetooth, USB, Optical, AUX), remote control, safety precautions, troubleshooting, and technical specifications.</p>